

Trying 3106000224...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal205mxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Feb 2 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Aug 9 Expanded Cplus Coverage of US, Japanese, WIPO  
and EPO Patents  
NEWS 3 Sep 20 ARCHIVE, REDISTRIBUTE SEARCH RESULTS WITH  
STN KEEP AND SHARE  
NEWS 4 Oct 5 Elsevier's World Textiles now available on STN  
NEWS 5 Oct 27 EUROPATFULL - backlog data being added  
NEWS 6 Oct 27 DATA ELEMENTS TO BE REMOVED FROM JAPIO  
NEWS 7 Nov 8 Derwent World Patents Index: Technology Focus  
To Be Added to Basic Index  
NEWS 8 Nov 24 PRINT FAX, SDI FAX NO LONGER AVAILABLE  
NEWS 9 Nov 24 STEREO BOND SEARCH PROBLEM WITH STN EXPRESS WITH  
DISCOVER! 5.0 (WINDOWS ONLY)  
NEWS 10 Dec 2 Service during the transition to 2000  
  
NEWS EXPRESS STN Express 5.0 Now Available  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:44:43 ON 05 DEC 1999

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 18:44:48 ON 05 DEC 1999

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STRUCTURE FILE UPDATES: 03 DEC 99 HIGHEST RN 249939-83-1

DICTIONARY FILE UPDATES: 03 DEC 99 HIGHEST RN 249939-83-1

Please note that search-term pricing does apply when conducting SmartSELECT searches.

POTENTIAL STEREO BOND SEARCH PROBLEM WITH STN EXPRESS WITH DISCOVER!  
5.0 (Windows Only) SEE NEWS 9 FOR DETAILS

=> s ment?

L1 5504 MENT?

=> s ment?/cn

L2 511 MENT?/CN

=> s ment-ac/cn

L3 0 MENT-AC/CN

=> s ment-ac

L4 71 MENT  
2358 AC  
0 MENT-AC  
(MENT (W) AC)

=> s nortestosterone?/cn

L5 6 NORTESTOSTERONE?/CN

=> d 15 1-6

L5 ANSWER 1 OF 6 REGISTRY COPYRIGHT 1999 ACS

RN 52279-57-9 REGISTRY

CN Estr-4-en-3-one, 17-[3-[4-(hexyloxy)phenyl]-1-oxopropoxy]-, (17.beta.)-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Estr-4-en-3-one, 17.beta.-hydroxy-, p-(hexyloxy)hydrocinnamate (7CI)

OTHER NAMES:

CN 19-Nortestosterone 3-(p-hexyloxyphenyl)propionate

CN Anadur

CN Nandrolone (p-hexyloxyphenyl)propionate

CN **Nortestosterone (p-hexyloxyphenyl)propionate**

FS STEREOSEARCH

MF C33 H46 O4

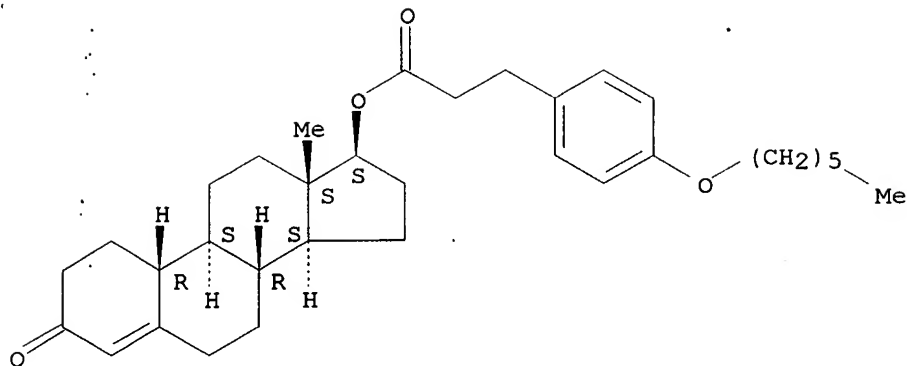
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMLIST, DDFU, DRUGS,

EMBASE, IPA, MEDLINE, MRCK\*, PROMT, TOXLINE, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

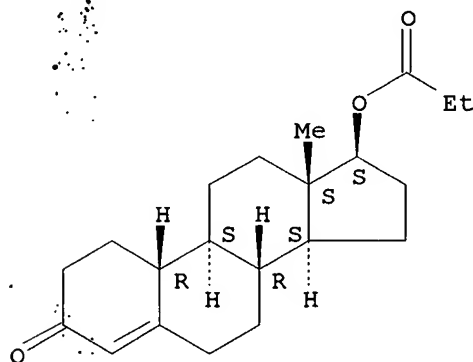
Absolute stereochemistry.



11 REFERENCES IN FILE CA (1967 TO DATE)  
 11 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 2 OF 6 REGISTRY COPYRIGHT 1999 ACS  
 RN 7207-92-3 REGISTRY  
 CN Estr-4-en-3-one, 17-(1-oxopropoxy)-, (17.beta.)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Estr-4-en-3-one, 17.beta.-hydroxy-, propionate (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN 19-Nortestosterone propionate  
 CN Anabolicus  
 CN Nandrolone 17-propionate  
 CN Nandrolone propionate  
 CN Nor-Anabol  
 CN Norandrostenolone propionate  
 CN Nortesto  
 CN **Nortestosterone propionate**  
 CN Norybol 19  
 CN Pondus  
 CN Testobolin  
 FS STEREOSEARCH  
 DR 21373-32-0  
 MF C21 H30 O3  
 CI COM  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS,  
 CHEMLIST, CSCHEM, DDFU, DRUGU, MRCK\*, TOXLIT  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

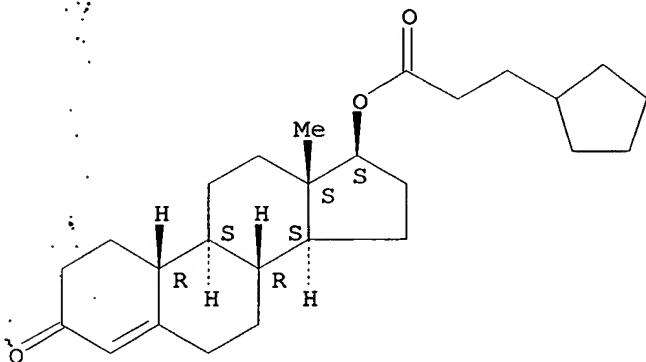
Absolute stereochemistry.



34 REFERENCES IN FILE CA (1967 TO DATE)  
34 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 3 OF 6 REGISTRY COPYRIGHT 1999 ACS  
RN 601-63-8 REGISTRY  
CN Estr-4-en-3-one, 17-(3-cyclopentyl-1-oxopropoxy)-, (17.beta.)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Cyclopentanepropionic acid, ester with 17.beta.-hydroxyestr-4-en-3-one (8CI)  
CN Estr-4-en-3-one, 17.beta.-hydroxy-, cyclopentanepropionate (6CI, 8CI)  
OTHER NAMES:  
CN 17.beta.-Hydroxyestr-4-en-3-one cyclopentanepropionate  
CN **Nortestosterone cyclopentanepropionate**  
CN **Nortestosterone cypionate**  
FS STEREOSEARCH  
MF C26 H38 O3  
LC STN Files: BEILSTEIN\*, CAOLD, CHEMLIST, RTECS\*  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

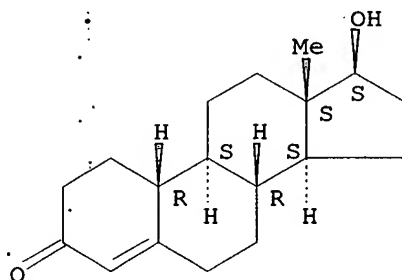


9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 4 OF 6 REGISTRY COPYRIGHT 1999 ACS  
RN 434-22-0 REGISTRY  
CN Estr-4-en-3-one, 17-hydroxy-, (17.beta.)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Estr-4-en-3-one, 17.beta.-hydroxy- (8CI)  
OTHER NAMES:  
CN (+)-19-Nortestosterone  
CN (17.beta.)-19-Nortestosterone  
CN .beta.-Nortestosterone  
CN 17.beta.-Hydroxyestr-4-en-3-one  
CN 17.beta.-Nortestosterone  
CN 19-Norandrostenolone  
CN 19-Nortestosterone  
CN Menidrabol  
CN Nandrolon  
CN Nandrolone  
CN Norandrostenolon  
CN Norandrostenolone  
CN Nortestonate  
CN **Nortestosterone**  
CN Oestrenolon

FS STEREOSEARCH  
 DR 30598-74-4  
 MF C18 H26 O2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CABA,  
 CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CS-  
 CHEM, DDFU, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
 MEDLINE, MRCK\*, NAPRALERT, PROMT, RTECS\*, SPECINFO, TOXLINE, TOXLIT,  
 USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

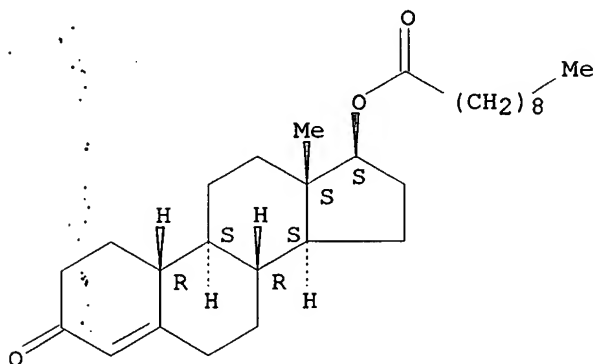


1017 REFERENCES IN FILE CA (1967 TO DATE)  
 41 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1018 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 5 OF 6 REGISTRY COPYRIGHT 1999 ACS  
 RN 360-70-3 REGISTRY  
 CN Estr-4-en-3-one, 17-[(1-oxodecyl)oxy]-, (17.beta.)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Decanoic acid, ester with 17.beta.-hydroxyestr-4-en-3-one (8CI)  
 CN Estr-4-en-3-one, 17.beta.-hydroxy-, decanoate (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN 17.beta.-Hydroxy-19-norandrost-4-en-3-one 17-decanoate  
 CN 17.beta.-Hydroxyestr-4-en-3-one 17-decanoate  
 CN 17.beta.-Hydroxyestr-4-en-3-one decanoate  
 CN 19-Norandrost-4-en-3-one decanoate  
 CN 19-Nortestosterone 17.beta.-decanoate  
 CN 19-Nortestosterone decanoate  
 CN Anabolicum  
 CN Deca-Durabol  
 CN Deca-Durabolin  
 CN Decanofort  
 CN Extraboline  
 CN Nandrolone decanoate  
 CN Norandrost-4-en-3-one decanoate  
 CN Nortestosterone decanoate  
 CN Retabolil  
 FS STEREOSEARCH  
 DR 9040-11-3  
 MF C28 H44 O3  
 CI COM  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CS-  
 CHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 PROMT, RTECS\*, TOXLINE, TOXLIT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



294 REFERENCES IN FILE CA (1967 TO DATE)  
294 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 6 OF 6 REGISTRY COPYRIGHT 1999 ACS

RN 62-90-8 REGISTRY

CN Estr-4-en-3-one, 17-(1-oxo-3-phenylpropoxy)-, (17.β.)- (9CI) (CA

INDEX

NAME)

OTHER CA INDEX NAMES:

CN Estr-4-en-3-one, 17.β.-hydroxy-, hydrocinnamate (7CI, 8CI)

CN Estr-4-en-3-one, 17.β.-hydroxy-, phenylpropionate (6CI)

CN Hydrocinnamic acid, ester with 17.β.-hydroxyestr-4-en-3-one (8CI)

OTHER NAMES:

CN 19-Norandrosthenolone phenylpropionate

CN 19-Nortestosterone phenylpropionate

CN Durabolin

CN Fenobolin

CN Nandrolin

CN Nandrolon phenylpropionate

CN Nandrolone phenpropionate

CN Nandrolone phenylpropionate

CN Nerobil

CN Nerobolil

CN Norandrolone phenylpropionate

CN Norandrosthenolone phenylpropionate

CN **Nortestosterone phenylpropionate**

CN NPP

CN NTPP

CN Phenobolin

CN Superanabolon

FS STEREOSEARCH

MF C27 H34 O3

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CABA,

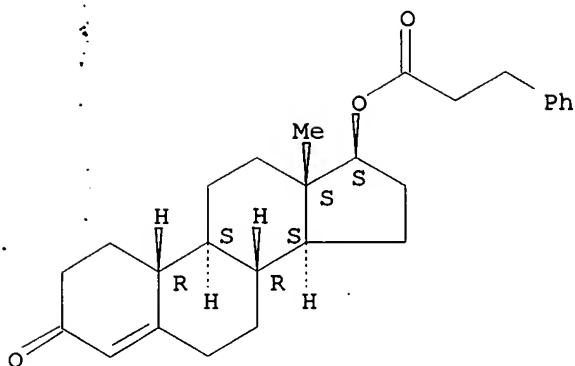
CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NIOSHTIC, PROMT, RTECS\*, TOXLINE, TOXLIT, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



277 REFERENCES IN FILE CA (1967 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 277 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.90	31.05

FILE 'STNGUIDE' ENTERED AT 18:47:39 ON 05 DEC 1999  
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Dec 3, 1999 (19991203/UP).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	31.05

FILE 'REGISTRY' ENTERED AT 18:48:47 ON 05 DEC 1999  
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STRUCTURE FILE UPDATES: 03 DEC 99 HIGHEST RN 249939-83-1  
 DICTIONARY FILE UPDATES: 03 DEC 99 HIGHEST RN 249939-83-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 13, 1999

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

POTENTIAL STEREO BOND SEARCH PROBLEM WITH STN EXPRESS WITH DISCOVER!  
 5.0 (Windows Only) SEE NEWS 9 FOR DETAILS

=> s cdb-868b/cn

L6 0 CDB-868B/CN

=> s cdb-868b

11 CDB

L7 1 868B  
1 CDB-868B  
(CDB(W) 868B)

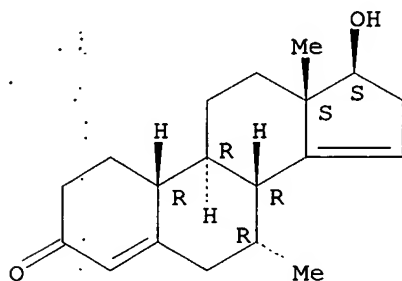
=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 1999 ACS  
RN 35644-62-3 REGISTRY  
CN Estra-4,14-dien-3-one, 17-hydroxy-7-methyl-, (7.alpha.,17.beta.)- (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN **CDB 868B**  
FS STEREOSEARCH  
MF C19 H26 O2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



10 REFERENCES IN FILE CA (1967 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s cdb-2322a

L8 11 CDB  
1 2322A  
1 CDB-2322A  
(CDB(W) 2322A)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 1999 ACS  
RN 103742-76-3 REGISTRY  
CN 2(3H)-Chrysenone, 4,4a,4b,5,6,6a,7,10,10a,10b,11,12-dodecahydro-6a,11-dimethyl-7-(1-oxopropoxy)-, (4aR,4bS,6aS,7S,10aS,10bR,11R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN D-Homoestra-4,16-dien-3-one, 7-methyl-17a-(1-oxopropoxy)-, (7.alpha.,17a.beta.)-

OTHER NAMES:

CN 2(3H)-Chrysenone, 4,4a,4b,5,6,6a,7,10,10a,10b,11,12-dodecahydro-6a,11-dimethyl-7-(1-oxopropoxy)-, [4aR-(4a.alpha.,4b.beta.,6a.alpha.,7.alpha.,10a.beta.,10b.alpha.,11.beta.)]-

CN **CDB 2322A**

FS STEREOSEARCH

DR 122666-27-7

MF C23 H32 O3

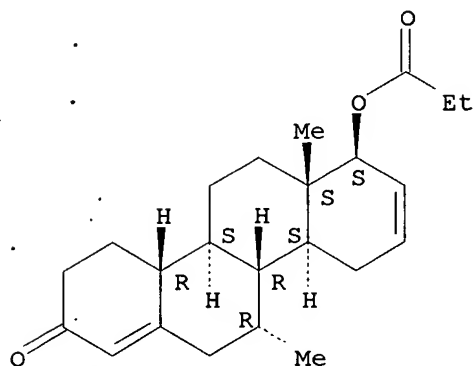
SR CA

LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXLIT, USPATFULL



(\*File contains numerically searchable property data)

Absolute stereochemistry.



4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.05

52.10

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:49:57 ON 05 DEC 1999

AN 1997:438671 CAPLUS

DN 127:90667

TI Pharmacokinetics and pharmacodynamics of 7.alpha.-methyl-19-nortestosterone after intramuscular administration in healthy men  
AU Suvisaari, Janne; Sundaram, Kalyan; Noe, Gabriela; Kumar, Narender; Aguilleaume, Claude; Tsong, Yun-Yen; Lahteenmaki, Pekka; Bardin, C. Wayne  
CS Steroid Research Laboratory, Institute of Biomedicine, University of Helsinki, SF-00014, Finland

SO Hum. Reprod. (1997), 12(5), 967-973

CODEN: HUREEE; ISSN: 0268-1161

PB Oxford University Press

DT Journal

LA English

CC 2-3 (Mammalian Hormones)

AB 7.alpha.-Methyl-19-nortestosterone (MENT) is a potent synthetic androgen that is resistant to 5.alpha.-reductases and therefore less prone to over-stimulate the prostate. It is a good candidate for implant administration in long-term androgen replacement therapy for hypogonadal men or as part of a male contraceptive system. To investigate the pharmacokinetics of MENT after i.m. administration, single i.m. injections of 2, 4 or 8 mg of micronized MENT were given in aq. suspension to 18 healthy men in two clinics. Blood was sampled frequently for 8 h and 1, 2, 3, 4 and 9 days after the injections. Serum MENT concns. were detd. by RIA. Peak MENT concns. were dose-dependent and were reached about 1-2 h after the injections. Doubling the dose of MENT resulted in an increase of 60% in peak serum MENT concns. The clearance rate was 1790 L/day. The antigonadotrophic activity of MENT was investigated by giving six consecutive daily i.m. injections of 1, 2 or 4 mg of MENT to 24 healthy men in two clinics. Blood was sampled before each injection and up to 24 days after the last injection. Serum testosterone and gonadotropin concns. (detd. by RIA and fluoroimmunoassay resp.) decreased in a dose-dependent and statistically significant manner. The highest dose caused a 74% fall in testosterone, a 70% fall in LH, and a 57% fall in FSH concns. MENT injections did not cause any side-effects. The results show that MENT is a potent antigonadotrophic agent in men.

ST methylnortestosterone pharmacokinetics pharmacodynamics; androgen contraceptive pharmacokinetics pharmacodynamics

IT Contraceptives

(male; pharmacokinetics and pharmacodynamics of methylnortestosterone after i.m. administration in healthy men)

IT Pharmacokinetics

(pharmacokinetics and pharmacodynamics of methylnortestosterone after i.m. administration in healthy men)

IT 58-22-0, Testosterone 9002-67-9, LH 9002-68-0, FSH

RL: BPR (Biological process); BIOL (Biological study); PROC (Process)

(antigonadotrophic activity and pharmacokinetics of methylnortestosterone after i.m. administration in healthy men)

IT 3764-87-2, 7.alpha.-Methyl-19-nortestosterone

RL: BPR (Biological process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(pharmacokinetics and pharmacodynamics of methylnortestosterone after i.m. administration in healthy men)

L4 ANSWER 17 OF 18 BIOSIS COPYRIGHT 2001 BIOSIS  
AN 1970:116468 BIOSIS  
DN BA51:26468  
TI EFFECT OF ORAL AND TOPICAL 17ALPHA METHYL-B  
NORTESTOSTERONE ON SERUM PRODUCTION AND PLASMA  
TESTOSTERONE.  
AU STRAUSS J S; POCHI P E; SARDA I R; WOTIZ H H  
SO J INVEST DERMATOL, (1969) 52 (1), 95-99.  
CODEN: JIDEAE. ISSN: 0022-202X.  
FS BA; OLD  
LA Unavailable  
CC Biochemical Studies - Sterols and Steroids 10067  
Metabolism - Sterols and Steroids \*13008  
Blood, Blood-Forming Organs and Body Fluids - Blood and Lymph Studies  
15002  
Blood, Blood-Forming Organs and Body Fluids - Other Body Fluids \*15010  
Reproductive System - Physiology and Biochemistry \*16504  
Endocrine System - Gonads and Placenta \*17006  
Integumentary System - General; Methods 18501  
Integumentary System - Physiology and Biochemistry \*18504  
Dental and Oral Biology - General; Methods 19001  
Pharmacology - Drug Metabolism; Metabolic Stimulators \*22003  
Pharmacology - Endocrine System \*22016  
Pharmacology - Integumentary System, Dental and Oral Biology \*22020  
Pharmacology - Reproductive System; Implantation Studies \*22028  
Routes of Immunization, Infection and Therapy 22100  
3C Hominidae 86215  
IT Miscellaneous Descriptors  
HUMAN HORMONE-DRUG  
RN 58-22-0 (TESTOSTERONE)  
434-22-0 (NORTESTOSTERONE)